September 4, 2003

D. Max Williams
Martin Marietta Materials, Inc.
P.O. Box 549
Carmel, Indiana 46032

Re: Source Specific Operation Status
S 097-16902-05232

Dear Mr. Williams:

Your application for Source Specific Operation Status was received on March 10, 2003 and has been reviewed. Based on the data submitted and the provisions in 326 IAC 2, it has been determined that your emission source, a portable limestone, concrete, and asphalt crushing plant, identified as portable plant no. 25803, with one (1) diesel generator rated at 1.5 million British thermal units (MMBtu) per hour, to be initially located at 2605 Kentucky Avenue, Indianapolis, Indiana 46221, has met the criteria required to obtain a Source Specific Operating Agreement. All terms and conditions in such registrations and permits are no longer in effect.

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

Section A: Crushed Stone Operation: [326 IAC 2-9-8]

1. The crushed stone operation shall have no more than four (4) crushers, seven (7) screens, and one (1) conveying operation.

2. The crushed stone operation annual throughput shall be less than four hundred thousand (400,000) tons per year.

3. The source shall keep annual throughput records of the crushed stone operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the IDEM, Office of Air Quality (OAQ) or the Indianapolis Office of Environmental Services (OES).

4. The crushing, screening and conveying operations shall be equipped with dust collectors, unless a wet or continuous wet suppression system is used to comply with conditions 6 and 7.

5. All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of this Source Specific Operating Agreement.

6. The visible emissions from the screening and conveying operation shall not exceed an average of ten percent (10%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.

7. The visible emissions from the crushing operation shall not exceed an average of fifteen percent (15%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.

8. The fugitive particulate matter (PM) emissions of this source shall be controlled by applying water on all storage piles and unpaved roadways on an as needed basis, such that the following visible emission conditions are met:

   (a) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

   (b) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:

      (i) The first reading shall be taken at the time of emission generation.
      (ii) The second reading shall be taken five (5) seconds after the first.
      (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

      The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

9. The fugitive particulate emissions at the crushed stone operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

Section B: General Requirements: [326 IAC 2-9-1]

1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

   Compliance Data Section
   Office of Air Quality
   100 North Senate Avenue
   P.O. Box 6015
   Indianapolis, IN 46206-6015

   and

   City of Indianapolis Office of Environmental Services
   Compliance Data Group
   2700 South Belmont Avenue
   Indianapolis, Indiana 46221

no later than January 30 of each year, with the annual notice being submitted in the format attached.

2. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.

3. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the permittee of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.

Section C: Relocation of Portable Sources [326 IAC 2-14-4]

1. This permit is approved for operation in all areas of Indiana. This determination is based on the requirements of Prevention of Significant Deterioration in 326 IAC 2-2, and Emission Offset requirements in 326 IAC 2-3.

2. A request to relocate shall be submitted to IDEM, OAQ and OES at least thirty (30) days prior to the intended date of relocation. The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

3. A "Relocation Site Approval" letter shall be obtained prior to relocating.

4. The Permittee shall also notify the applicable local air pollution control agency when relocating to, or from, one the following:

   (a) Madison County - (Anderson Office of Air Management)

   (b) City of Evansville plus four (4) miles beyond the corporate limits but not outside Vanderburgh County - (Evansville EPA)

   (c) City of Gary - (Gary Department of Environmental Affairs)

   (d) City of Hammond - (Hammond Department of Environmental Management)

   (e) Marion County - (Indianapolis Office of Environmental Services)

   (f) St. Joseph County - (St. Joseph County Health Department)

   (g) Vigo County - (Vigo County Air Pollution Control)

5. A valid SSOA consists of this document and any subsequent "Relocation Site Approval" letter specifying the current location of the portable plant.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Office of Air Quality (OAQ) and the Office of Environmental Services (OES) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely,

Originally signed by John B. Chavez

John B. Chavez
Administrator

TE/EVP
cc: File - Marion County
Compliance - Matt Mosier
Permits - Monica Dick
IDEM - Mindy Hahn

Source Specific Operating Agreement
Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-9.

Company Name:	**Martin Marietta Materials, Inc.**
Address:	**2605 Kentucky Avenue**
City:	**Indianapolis, Indiana 46221**
Contact Person:	**D. Max Williams**
Phone #:	**317-573-4460**
SSOA #:	**S 097-16902-05232**

I hereby certify that Martin Marietta Materials, Inc. is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) S 097-16902-05232.

Name (typed):
Title:
Signature:
Date:

Appendix A: Emission Calculations
Crushed Stone Processing

Company Name: Martin Marietta Materials, Inc.
Address City IN Zip: 2605 Kentucky Avenue, Indianapolis, Indiana 46221
SSOA No.: 097-16902
Plt ID: 097-05232
Reviewer: Trish Earls/EVP

ID No.	Description	Limited Throughput Rate (tons/yr)	Emission Factor		Emissions (tons/yr)	
			PM-10 (lbs/ton)	PM (lbs/ton)	PM-10	PM
EU-1	Hopper	400,000	0.0014	0.00294	0.28	0.59
EU-2	Grizzly Feeder*	400,000	0.015	0.0315	3.00	6.30
EU-3	Impact Crusher	400,000	0.0024	0.00504	0.48	1.01
EU-4	Conveyor No. 1	400,000	0.0014	0.00294	0.28	0.59
EU-5	Conveyor No. 2	400,000	0.0014	0.00294	0.28	0.59
EU-6	Screen	400,000	0.015	0.0315	3.00	6.30
EU-7	Conveyor No. 3	400,000	0.0014	0.00294	0.28	0.59
EU-8	Conveyor No. 4	400,000	0.0014	0.00294	0.28	0.59
EU-9	Conveyor No. 5	400,000	0.0014	0.00294	0.28	0.59
EU-10	Conveyor No. 6	400,000	0.0014	0.00294	0.28	0.59
EU-11	Stack Conveyor No. 7	400,000	0.0014	0.00294	0.28	0.59
	TOTAL				**8.72**	**18.31**

* The emission factor for the grizzly feeder is the same as that for screening operations. The feeder will typically operate as a feeder but has the ability to act as a screen.

Note: Emission factors from AP-42, Section 11.19.2, Table 11.19.2-2.
Per footnote c of Table 11.19.2-2, PM emisson factors are estimated by multiplying PM-10 by 2.1.
Emissions are before controls at a limited throughput of 400,000 tons/yr.

Appendix A: Emissions Calculations
Commercial/Institutional/Residential Combustors (< 100 mmBtu/hr)
#1 and #2 Fuel Oil

Company Name: Martin Marietta Materials, Inc.
Address City IN Zip: 2605 Kentucky Avenue, Indianapolis, Indiana 46221
SSOA No.: 097-16902
Plt ID: 097-05232
Reviewer: Trish Earls/EVP

Heat Input Capacity MMBtu/hr	Potential Throughput kgals/year	S = Weight % Sulfur
		0.5
1.5	93.85714286	

		Pollutant				
	PM*	PM-10	SO2	NOx	VOC	CO
Emission Factor in lb/kgal	2.0	3.3	71 *(142.0S)*	20.0	0.34	5.0
Potential Emission in tons/yr	0.09	0.15	3.33	0.94	0.02	0.23

Methodology

1 gallon of No. 2 Fuel Oil has a heating value of 140,000 Btu

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.140 MM Btu

Emission Factors are from AP 42, Tables 1.3-1, 1.3-2, and 1.3-3 (SCC 1-03-005-01/02/03) Supplement E 9/98 (see erata file)
*PM emission factor is filterable PM only. Condensable PM emission factor is 1.3 lb/kgal.
PM-10 emission factor is filterable plus condensible particulate matter.
Emission (tons/yr) = Throughput (kgals/ yr) x Emission Factor (lb/kgal)/2,000 lb/ton
See page 3 for HAPs emission calculations.

Appendix A: Emissions Calculations
Commercial/Institutional/Residential Combustors (< 100 mmBtu/hr)
#1 and #2 Fuel Oil
HAPs Emissions

Company Name: Martin Marietta Materials, Inc.
Address City IN Zip: 2605 Kentucky Avenue, Indianapolis, Indiana 46221
SSOA No.: 097-16902
Plt ID: 097-05232
Reviewer: Trish Earls/EVP

HAPs - Metals

	Arsenic	Beryllium	Cadmium	Chromium	Lead
Emission Factor in lb/mmBtu	4.0E-06	3.0E-06	3.0E-06	3.0E-06	9.0E-06
Potential Emission in tons/yr	2.63E-05	1.97E-05	1.97E-05	1.97E-05	5.91E-05

HAPs - Metals (continued)

	Mercury	Manganese	Nickel	Selenium	**Total**
Emission Factor in lb/mmBtu	3.0E-06	6.0E-06	3.0E-06	1.5E-05	
Potential Emission in tons/yr	1.97E-05	3.94E-05	1.97E-05	9.86E-05	**3.22E-04**

Methodology

No data was available in AP-42 for organic HAPs.
Potential Emissions (tons/year) = Throughput (mmBtu/hr)*Emission Factor (lb/mmBtu)*8,760 hrs/yr / 2,000 lb/ton